

PTO-1449 Modified

List of Patent and Publications Cited by Applicant (Use several sheets if necessary)

U.S. Department of Commerce Patent and Trademark Office

Docket No.
MSFT-2734 / 305604.01

Application No. 10/646,646

Applicant

Quentin J. Clark, Anil K. Nori, Pedro Celis, Peter M. Spiro and David G. Campbell

Filing Date	
August 21, 2003	

Group 2162

Confirmation No. 9792

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/JC/	1	5,774,717	06/30/98	Porcaro et al.	707	202
	2	5,842,213	11/24/98	Odom et al.	707	100
	3	5,893,106	04/06/99	Brobst et al.	707	102
	4	5,937,402	08/10/99	Pandit	707	4
	5	6,006,234	12/21/99	Govindarajan et al.	707	103R
	6	6,324,533	11/27/01	Agrawal et al.	707	3
	7	6,430,564	08/06/02	Judge et al.	707	100
	8	6,438,545	08/20/02	Beauregard et al.	707	6
	9	6,477,527	11/05/02	Carey et al.	707	4
	10	6,477,564	11/05/02	Feyssinet et al.	709	202
	11	6,553,391	04/22/03	Goldring et al.	707	203
	12	6,643,652	11/04/03	Helgeson et al.	707	10
	13	6,671,757	12/30/03	Multer et al.	710	100
	14	6,694,336	02/17/04	Multer et al.	707	201
	15	6,701,314	03/02/03	Conover et al.	707	7
	16	6,704,743	03/09/04	Martin	707	103R
	17	6,738,789	05/18/04	Multer et al.	707	201
	18	6,757,696	06/29/04	Multer et al.	707	201
	19	6,801,604	10/05/04	Maes et al.	379	88.17
∇	20	6,851,089	02/01/05	Erickson et al.	715	513

EXAMINER	/Jean Corrielus/	DATE CONSIDERED	09/26/2007

Application No. Docket No. Form PTO-1449 Modified 10/646,646 MSFT-2734 / 305604.01 List of Patent and Publications **Applicant** Cited by Applicant Quentin J. Clark, Anil K. Nori, Pedro Celis, Peter M. (Use several sheets if necessary) Spiro and David G. Campbell U.S. Department of Commerce Group Filing Date

Patent and Trademark Office

August 21, 2003 2162 Confirmation No.

9792

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/JC/	21	6,857,053	02/15/03	Bolik et al.	711	162
	22	6,895,586	05/17/05	Brasher et al.	719	313
	23	6,961,723	11/01/05	Faybishenko et al.	707	100
	24	6,976,027	12/13/05	Cutlip	707	101
	25	6,990,513	01/24/06	Balfiore et al.	709	203
	26	6,999,956	02/14/06	Mullins	707	2
	27	7,031,973	04/18/06	Natarajan et al.	707	102
	28	7,043,481	05/09/06	Mullins et al.	707	10
	29	7,158,962	01/02/07	Nelson	707	2
	30	7,177,843	02/13/07	Nguyen et al.	705	51
	31	7,178,100	02/13/07	Call	704	9
	32	2002/0156792	10/24/02	Gombocz et al.	707	103
	33	2002/0184163	12/05/02	Lotter et al.	705	4
	34	2003/0144849	07/31/03	Kakivaya et al.	705	. 1
	35	2004/0025110	02/05/04	Hu, Jingkun	715	500
	36	2004/0073560	04/15/04	Edwards	707	200
	37	2004/0199521	10/07/04	Anglin et al.	707	103
	38	2004/0024795	02/05/04	Hind et al.	707	100
	39	2004/0268240	12/30/04	Vincent	715	513
V	40	2005/0065977	03/24/05	Benson et al.	707	104.1

EXAMINER	/Jean Corrielus/	DATE CONSIDERED	09/26/2007
II.	· · · · · · · · · · · · · · · ·		

Fo	rm P	ΓO-1449 Modific	ed	Docket No. MSFT-2734 / 305604.01	Application No 10/646,646).	
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)				Applicant Quentin J. Clark, Anil K. Nori, Pedro Celis, Peter M. Spiro and David G. Campbell			
		artment of Commercend Trademark Office		Filing Date Group August 21, 2003 2162			
				Confirmation No. 9792			
		FOR	EIGN PATE	ENT DOCUMENTS			
Examiner Initial		Document No.	Date	Country	Transl YES	ation NO	
/JC/	41	EP 0 974 895	01/26/00	ЕРО			

For	m PTO	-1449 Modified	Docket No. MSFT-2734 / 305604.01	Application No. 10/646,646			
	Cited b	at and Publications by Applicant sheets if necessary)	Applicant Quentin J. Clark, Anil K. N and David G. Campbell	Iori, Pedro Celis, Peter M. Spiro			
		nent of Commerce Frademark Office	Filing Date August 21, 2003	Group 2162			
			Confirmation No. 9792				
N	ON-PAT	ENT DOCUMENTS (Inc	cluding Author, Title, Date,	Pertinent Pages, Etc.)			
/JC/	42	Barker, J., "Beginning Ja	ava Objects," <i>Wrox Press Ltd</i>	., 2000, pages 1 and 94			
	43	Bernstein et al., "The Mi Conference, 1997, http://	Bernstein et al., "The Microsoft Repository," Proceedings of the 23 rd VLDB Conference, 1997, http://citeseer.ist.psu.edu/bernstein97microsoft.html				
	44	Model," Microsoft Paper	rosoft Repository Version 2 or pub. In Information System.	s, 1999, <i>22(4)</i>			
·	45	September 12, 2002, Ver	rchitecture for XML Binding sion 0.7, 1-178				
	46	London, UK, January 20					
	47	of the Summer USENIX	Conference, June 1990, 63-7				
	48	Devices", IEEE, 2000, 4		s for Pervasive Computing			
	49	Ip et al., <i>IEEE</i> , 1991, 8-1	5				
	50		es to B2B Integration," EAI	•			
	51	Mazzola Paluska, J. et al., "Footloose: A Case for Physical Eventual Consistency and Selective Conflict Resolution", Proceedings of the 5th IEEE Workshop on Mobile Computing Systems and Applications, 2003, 170-179					
	52	Singer, J., "JVM versus CLR: A Comparative Study," PPPJ 2003, Kilkenny City, Ireland, June 16-18, 2003, 167					
	53	Soundarajan et al., Fifth International Conference on Software reuse ICSR, 1998, 206-215					
	54	"Using Value Objects," by the XDoclet Team, last published May 5, 2005, http://xdoclet.sourceforge.net/xdoclet/valueobjects.html					
\forall	55	Wang et al., paper on (OS Communications Magazi	S) application programming ne, October 2001	interfaces (APIs), IEEE			

EXAMINER	/Jean Corrielus/	DATE CONSIDERED	09/26/2007

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary)				Docket No. MSFT-2734/305604.01	Application 10/646,646	
				Applicant Quentin J. Clark, et al.		
U.S. Department of Commerce Patent and Trademark Office			Filing Date August 21, 2003	Group 2162		
				Confirmation No. 9792		
		U. S	S. PATENT	DOCUMENTS		
Examiner Initial		Document No.	Date	Name	Class	Subclass
/JC/	102	2004/0267834 A1	12/30/04	Sasaki	707	201
	103	6,085,192	07/04/00	Mendez, et al.	707	10
	104	6,151,606	11/21/00	Mendez	707	201
	105	6,317,754 B1	11/13/01	Peng	707 ·	203
V	106	6,708,221 B1	03/16/04	Mendez, et al.	709	248
	<u> </u>					<u> </u>
		FORE	IGN PATI	ENT DOCUMENTS		
Examiner Initial		Document No.	Date	Country	YES YES	nslation NO
/JC/	107	WO 02/075539 A2	09/26/02	PCT		
EXAMINE	R	/Jean Corrielus/		DATE CONSIDERED	10/10	/2007

Form	PTO	-1449 Modified	Docket No. MSFT-2734/305604.01	Application No. 10/646,646		
	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Quentin J. Clark, et al.			
		nent of Commerce Frademark Office	Filing Date August 21, 2003	Group 2162		
		·	Confirmation No. 9792			
C	THE	R DOCUMENTS (Includ	ing Author, Title, Date, Pe	rtinent Pages, Etc.)		
/JC/	108	173-182, XP-002146555	• .	rtion", SIGMOD, 1996, 25(2),		
	109	Systems and Applications	<i>ACS/IEEE</i> , June 2001, 17			
	110		nnected Operation in the Co er Systems, February 1992,	da File System", <i>ACM</i> 10(1), 3-25, XP000323223		
	111	Kistler, J.J. et al., "Increa Replication", <i>IEEE</i> , 1990	sing File System Availabili 0, 65-69, XP010021244	y through Second-Class		
	112	http://www.syncml.org/d	", 2000, Version 1.0, 60 pag ocs/syncml protocol v10 20	001207.pdf		
	113	Embedded Platforms", D	Server for Windows Ce-a Da ata Engineering, Proceeding uter Society, March 2000, 6			
	114	Berenson, H. "A Critique of ANSI SQL Isolation Levels", SIGMOD RECORD, 1995, 24(2), 10 pages				
	115					
	116		med: Scalable Replication for national federation for Informational federation for Information	or Transactional Web rmation Processing, 2004, 155-		
V	117	Shapiro, M. et al., "Mana 185-193, XP-000922048		Large Objects", IEEE, 1999,		
EXAMINER		/Jean Corrielus/	DATE CONSI	DERED 10/10/2007		





Form 1	Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Docket No. MSFT-2734/305604.01	Application No. 10/646,646		
C			Applicant Quentin J. Clark, et al.			
		nent of Commerce Trademark Office	Filing Date August 21, 2003	Group 2162		
			Confirmation No. 9792			
0	THEF	R DOCUMENTS (Inclu	ding Author, Title, Date, P	ertinent Pages, Etc.)		
/JC/	14	Andrews, T. et al., "Coroniented Development 430-440	mbining Language and Datal Environment", OOPSLA Pr	base Advances in an Object- oceedings, October 4-8, 1987,		
	15	Beard, et al., "Multilevel and Graphical Views of Metadata", Research and Technology Advances in Digital Libraries, 1998, 256-265,				
	16	Beitner, N.D. et al., "Multimedia Support and Authoring in Microcosm: An Extend Model", Department of Electronics and Computer Science, University of Southampton, 12 pages, 1994				
	17	Berg, C., How Do I Cre 98-101	eate Persistent Java Objects?	Dr. Dobb's Journal, 1997, 22(4),		
	18	Between Database and Data and Symposium o	n Principles of Database Sys	very and Data Consistency Conference on Management of stems, Proceedings of the 2002 gement of Data, 2002, 500-511		
	19	Biliris, A., "The Perfor		orage Structures for Managing		
	20	Booch, G. Benjamin/Condition Design with Application	ummings Publishing Co, "Ol ns", 1994 , 155, 156, 179-18	3		
	21					
	22	ACM, 1986, 4-15		atabase Programming Languages,		
\downarrow	23	Chien, A.A., "Concurrent Aggregates (CA) – Design and Experience with a Concurrent Object – Oriented Language Based on Aggregates", J. Parallel and Distributed Computing, 1995, 25(2), 174-196				
EXAMINER	1	/Jean Corrielu		IDERED 10/10/2007		

Form PTO-1449 Modified			Docket No MSFT-27	34/305604 . 01	Application 10/646,646	No.		
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Quentin J. Clark, et al.						
	U.S. Department of Commerce Patent and Trademark Office			, 2003	Group 2162			
			Confirmat 9792	ion No.				
0'	THE	R DOCUMENTS (Inch	uding Author	, Title, Date, Pe	rtinent Pages	, Etc.)		
/JC/	24	Chryssostomidis, Chry Aided Design of Marir	rssosiomos, et ne Structures".	al. "Geometric I	Modeling Issue 22(2) pp 15-33,	es in Computer		
	25	"Computervision Laun Windows", PR Newsw	iches Design Aire, Financial	Automation Dev News, Jan. 10 ,	elopment Platf 1995	form for		
	26	Darby, C., "Object Ser Techniques, 1997, 2(9)	ialization in J	ava 1.1. Making	Objects Persis			
	27	lnc., 1997, 1-34						
	28	Geometry", Software-I	Practice and L	Experience, Oct	ject-Oriented System for Programming e, Oct 1989, 19(10), 979-1013 ng Design", Computer Graphics			
	29	Dobashi, Y. et al, "Sky Forum, 1994, 13(3), C		ior Lighting Des				
	30	Dorsch, Jeff, "Accel Si Acquires the Assets to New, Jan.16, 1995, 4 p	igns with IBM Altium's P-C pages	AD Business U	nit", <i>EDA Lice</i>	ensing, Electronic		
	31							
	32							
\bigvee	33		Graphics: Pri	nciples and Prac		Edition, Addison-		
EXAMINER	1	/Jean Corrielus		DATE CONS		10/10/2007		

	Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary)			Docket No. MSFT-2734/3	305604.01	Application No. 10/646,646			
				Applicant Quentin J. Clark, et al.					
			ent of Commerce rademark Office	Filing Date August 21, 20	003	Group 2162			
				Confirmation 9792	No.				
	O	THEF	R DOCUMENTS (Includ	ling Author, T	itle, Date, Perti	nent Pages, Etc.)			
	/JC/	34		ta Modeling," N	November 2001	: Requirements and Research , Proceedings of the 9th ACM			
		35	Fuh, Y-C. et al, "Implem	nentation of SQ Digital Sympos	L3 Structured T ium Collection,	ypes with Inheritance and 2000, Abstract only, 2 pages,			
		36	Garret, J.H., Jr. et al, "Al Design and Construction 1989, Document No. 89-	n Object Orient Data", <i>Advanc</i> 37-04, 1-34	ed Environmented Construction	t for Representing Building in Technology Center, June			
		37	Godoy Simões, M. et al, Illumination Application Electronics Conference	is", <i>APEC 2000</i>). Fifteenth Anni				
		38	Goscinski, A. "Distribute Wesley, 1991, 306-313	ed Operating S	ystems The Log	ical Design", Addison-			
	•	39	Harrison, C.J. et al., "Str Inference", IEEE, 2000,	241-247					
		40	23(8), 32, 34, 36-37			Or. Dobb's Journal, 1998,			
		41	Hay, David C, "Data Mo Publishing, New York, N	NY 1996, 47-67	, 235-259				
		42							
	/	43							
EXAN	MINER		/Jean Co	rrielus/ D .	ATE CONSID	ERED 10/10/2007			

Form 1	PTO	-1449 Modified	Docket No MSFT-27	o. 34/305604.01	Applicate 10/646,6			
C	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)			Applicant Quentin J. Clark, et al.				
		nent of Commerce Trademark Office	Filing Dat August 21		Group 2162			
	_	: · · · · · · · · · · · · · · · · · · ·	Confirmat 9792	ion No.				
0'	THE	R DOCUMENTS (Inclu	ding Author	, Title, Date, Pert	inent Pag	es, Etc.)		
/JC/	44	Kaneko, K, et al, "Design System", Advanced Date of the Second Far-East	tabase Resea	rch and Developm	ent Series,	, vol. 3, Proceedings		
	45		ords Dynamic ", Advanced	es Animation on Ol Database Research	oject-Orie h and Dev	nted Animation		
	46	Katz, R.H., "Toward a U Databases", ACM Comp	Unified Fram	nework for Version vs, 1990, 22(4), 375	Modeling 5-408			
	47	Non-Manifold Geometr Lectures Presented at the	Jumps on Windows 3.1 Bandwagon", Computer Aided					
	48							
	49	Khan, L. et al, "A Perfo Database Management	ormance Eval Systems, <i>WI</i>	DM, 2001 , 31-38				
	50	Khoshafian, S. et al, "O	bject Identif	y", <i>OOPSLA'86</i> , 19	986, 21, 40	06-416		
	51	Kiesling, R., "ODBC in 2002 , 27(12), 16-22		·				
	52 King et al, "TriStarp- An Investigation into the Implementation and Exploitation of Binary Relational Storage Structures", Proc. 8. sup. th BNCOD(British National Conference On Data Bases), pp. 64-84 (York 1990).							
	53				chine Des	sign, July 24, 1990,		
V	54	LeBlanc, Andrew R., et Concurrent Engineering						
EXAMINER		/Jean Corrielus		DATE CONSID		10/10/2007		

Form I	Form PTO-1449 Modified			34/305604 . 01	Application No. 10/646,646		
C	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Quentin J. Clark, et al.				
		ent of Commerce rademark Office	Filing Dat August 21		Group 2162		
			Confirmat 9792	ion No.			
O	THEF	R DOCUMENTS (Include	ding Author	, Title, Date, Pert	inent Pages, Etc.)		
/JC/	55	Leontiev, Y. et al, "On The Languages", ACM Comp			ted Database Programming 2, 34(4), 409-449		
	56	Lim, J.B. et al, "Transac	tion Process	on Processing in Mobile, Heterogeneous Database in Knowledge and Data Engineering, 2002,14(6), 1330-1346			
	57			•	eter Driven by a Relational otes in Computer Science,		
	58	Mariani, J. A., Oggetto: The Computer Journal,	to: "An Object Oriented Database Layered on a Triple Store", al., 1992, 35(2),108-118				
	59				Bell Laboratories, August		
	60	"Mechanical Design Soi 1993, 12(12), 32-36		, <u></u>	uter-Aided Engineering, Dec		
	61	2001, 30(1), 70-77			ta", SIGMOD Record, March		
	62 Mitchell, W.J., "The Logic of Architecture", Massachusetts Institute of Technol. 1990, 139-143						
	63	ACM, September 1992	2, 35(9), 112	-123	ases," Communications of the		
V	64		ric Support f	or Caching and Dis	sconnected Operation", 4th 3, 61-65		
EXAMINER	·	/Jean Corrie		DATE CONSID			

Form I	Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary)			34/305604.01	Applicat 10/646,6		
C				. Clark, et al.			
		nent of Commerce Trademark Office	Filing Dat August 21		Group 2162		
			Confirmat 9792	ion No.			
O 7	ГНЕР	R DOCUMENTS (Includ	ling Author	, Title, Date, Per	tinent Pag	es, Etc.)	
/JC/	65	Nijssen, G.M. et al., "Co Oriented Approach", Dep Prentice Hall, 10-33, 42-	partment of	Computer Science			
/JC/	66				2 , 13-89 to	13-90	
1	67	Orenstein, J, et al, "Query Processing in the Object Store Database System", AC SIGMOD International Conference on Management of Data, June 1992, 21(2),412					
	68	Ottogalli, F.G. et al., "Visualisation of Distributed Applications for Performanc Debugging", Lecture Notes in Computer Science, January 2001, 2074, 831-84					
	69	Pachet, et al, "A Combin Multimedia Computing of	natorial App and Systems	roach to Content-l Jun 7, 1999, 457	Based Musi -462	ic Selection",	
	70	Papiani, M. et al, "A Dis SQL/MED", SIGMOD R	tributed Sci Record, Sept	entific Data Archi tember 1999, 28(3	ve Using th 3), 56-62		
	71	Powell, M., "Object, Ret 1993), OMG TC Docume	ferences, Ide	entifiers, and Equation -24	lity White	·	
	72 Prosise, J., "2-D Drafting: Why Pay More?", PC Magazine: The Independent Guid to IBM-Standard Personal Computing, 1993, 12(4), 255-289						
	73	Reiner, A. et al., "Benefi Applications", Virtual Se	olutions, 19	95, 9 pages			
V	74	Read, III, B.C., "Develo Aerospace and Electron	ping the Ne	xt Generation Coc	kpit Displa	ny System", <i>IEEE</i> 28	
EXAMINER	l	/Jean Corrie		DATE CONSID		10/10/2007	

Form	PTO	-1449 Modified	Docket No. MSFT-2734/305604.01	Application No. 10/646,646	
	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Quentin J. Clark, et al.		
		nent of Commerce Trademark Office	Filing Date Group August 21, 2003 2162		
			Confirmation No. 9792		
. (OTHE	R DOCUMENTS (Incl	uding Author, Title, Date, Pe	ertinent Pages, Etc.)	
/JC/	75	Rouse, N.E., "CAD Pi 59(25),117-122	oneers are Still Trailblazing",	Machine Design, Oct. 22, 1987,	
	76	Roussopoulos, N. et a	I., "Using Semantic Networks : Supplemental VLDB Conferen		
	77	for Concurrent Design	Process", Proceedings of the	ngineering Design Environment 1993 ITEC Workshop on in Concurrent Engineering, 71-	
	78			ect-Relational Databases", <i>The</i> arge Databases, 1998, 7, 130-	
	79	Simon, A.R., Strategie	c Database Technology: Mana Morgan Kaufmann Publishers	gement for the Year 2000, 1995,	
	80	Sreenath, N., "A Hybr Mathematics and Con	rid Computation Environment in puters in Simulation, 1992, 12	.1-140	
	81	Association for Comp	DB: An Object Design Data Ma Luter Machinery, 1993, 467-470)	
	82		3-D", Industry Week, January		
	83			GMOD Record, 1989, 18(4), 4-9	
V	84		ersection of Relational and Object XVII, March 14-17, 1994,	ect", Proceedings of the AM/FM 69-75	
EXAMINE	₹	/Jean Corr			

Form	Form F10-1449 Wodined			o. 734/305604.01	Application No. 0. 10/646,646	
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)			Applicant Quentin J. Clark, et al.			
		nent of Commerce Frademark Office	Filing Da August 2		Group 2162	
			Confirmation No. 9792			
O	THE	R DOCUMENTS (Includ	ing Autho	r, Title, Date, Pert	inent Pages, Etc.)	
/JC/				Relational Technological	chitecture (HORA), An ogy", Applied Computing:	
	86	Suzuki, H. et al., "Geome	etric Mode	ing for Modeling P Engineering Graph	roducts", Proceedings of the ics and Descriptive Geometry,	
	87		pecificatio mulation I	n Environment for nfrastructure", Inte		
	88		ntegrated R		tecture", Proceedings of the	
	89	Varlamis I. et al., "Bridgi generating and Manipulat DocEng' Ol, November	ting Relation	chema and Relatio onal Databases usin	nal Databases. A System for g Valid XML Documents",	
	90	Wilcox, J., "Object Datab Dobbs Journal, November	ases-Objecer 1994, 19	(13), 26-34	-	
	91	Computer-Aided Architec	tural Desig	gn, 1994, 123-146	l Design", Knowledge-Based	
	92	Waugh, A., "Specifying N Computer Networks and I	ISDN Syste	ms, 1998, 30, 23-3	2	
	93	Wold, E. et al., "Content- IEEE Multimedia, IEEE (Based Class Computer S	sification, Search, Society, 1996, 3, 27	and Retrieval of Audio", -36	
\bigvee	94		Rel: A Path Relational 1	-Based Approach to Databases", ACM 7	o Storage and Retrieval of	
EXAMINER		/Jean Corrielus		DATE CONSIDI	ERED 10/10/2007	

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office				Docket No. Application No. MSFT-2734/305604.01 10/646,646			
				Applicant Quentin J. Clark, et al.			
				Filing Date Group August 21, 2003 2162			
				Confirmation No. 9792			
		U. S	S. PATENT	Γ DOCUMENTS			
Examiner Initial		Document No.	Date	Name	Class	Subclass	
/JC/	95	6,772,178 B2	08/03/04	Mandal. et al.	707	204	
/JC/	96	2002/0152422 A1	10/17/02	Shrama, et al.	714	13	
•							
Examiner	<u> </u>				Translation		
Initial		Document No.	Date	Country	YES	NO	
EXAMINER		/Jean Corrielus/		DATE CONSIDERED	10/	10/2007	